Sony Laptop VGN-FE31Z LCD Repair

My wife has a Sony Vaio laptop, model VGN-FE31Z, which was purchased in the UK. We live in Brazil and that computer has had several problems related to bad contact. In late 2010, we took a trip and the computer was disconnected for two weeks. When we retu

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INTRODUCTION

Here in Brazil in the summer, many ants appear around the house and they often make nests within some electronic devices. They carry grains of earth to warmer regions of the machine and usually make their nests there. These mounds of earth should condense moisture from the air and the result is poor contact.

TOOLS:

- Phillips #00 Screwdriver (1)
- Raid Ant Killer (1)
- High Content Rubbing Alcohol (1)

Step 1 — Sony Laptop VGN-FE31Z LCD Repair



- This problem has already happened in many electronic devices in my home, almost every year. The solution is simple: to dismantle the machine completely and remove all traces of soil, ants and dirt.
- Researching a little on Google, I found the repair manual of the Sony Vaio VGN FE31Z at this address: http://www.givemefile.net/smanuals/noteb...
- Procedures carefully dismantling the equipment until the LCD. While performing this procedure, I noticed that the ants began to move from side to side, Laptop Keyboard leaving and entering the LCD.
- The ants have focused on two points: the LVDS and backlight ballast.
- I removed all electrical parts and proceeded to clean all plastic casing of the laptop, with water and detergent. While the coating was dry, I used isopropyl alcohol to clean the traces of soil. I applied a clean contact solution and the other in LVDS connectors.
- I mounted the LCD, putting a little poison for ants to prevent future infestations.

To reassemble your device, follow these instructions in reverse order.

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